

Applicant : Yi-Shiou Chen et al
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Amendments to the claims (this listing replaces all prior versions)

1. (Currently amended) A method comprising:
identifying characteristic features of a web site from an input that includes an identifier and an information sample, the input identifying that identifies the web site and an , the information sample being previously obtained from the web site during a first time period; during a second time period after the first time period, determining relevancy of contents of the web site at the second time period to the information sample based on the identified characteristic features;
extracting at least a portion of the contents from the web site based on the ~~identified characteristic features~~ and relevancy of the portion of contents to the information sample; and
updating a personalized web page with the extracted contents.
2. (Currently amended) The method of claim 1 further comprising repeating the determining relevancy, extracting, and updating at a frequency specified by the input.
3. (Previously presented) The method of claim 2 further comprising:
requesting a verification after updating the personalized web page;
if the verification confirms the update, adding the contents into a training set; and
locating the contents of the web site based on the training set during the extracting and updating.
4. (Previously presented) The method of claim 1 wherein identifying characteristic features includes identifying a topic keyword.
5. (Previously presented) The method of claim 1 wherein identifying the characteristic features includes identifying a layout of the information sample.

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6. (Currently amended) The method of claim 1 wherein identifying the characteristic features includes identifying ~~[[a]] domain keyword~~ keywords in the information sample.

7. (Currently amended) The method of claim 1 wherein identifying the characteristic features includes identifying ~~[[a]] semantic category~~ categories of keywords in the information sample.

8. (Currently amended) The method of claim 1 wherein identifying the characteristic features includes identifying ~~an event~~ events in the input.

9. (Previously presented) The method of claim 1, further comprising assigning a score according to degree of the relevancy of the contents to the information sample; and
requesting a different input if the score is below a pre-determined threshold.

10. (Currently amended) A system comprising:
a processor to:
identify characteristic features of a web site from an input that includes an identifier and an information sample, the input identifying that identifies the web site and an the information sample being obtained from the web site during a first time period;
during a second time period after the first time period, determine relevancy of contents of the web site at the second time period with the information sample based on the identified characteristic features;
extract at least a portion of the contents from the web site based on the identified ~~characteristic features and~~ relevancy of portion of the contents to the information sample; and
update a personalized web page with the extracted contents; and
a display to display the personalized web page.

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11. (Currently amended) The system of claim 10 wherein the processor is constructed and arranged to repeatedly determine relevancy, extract, and update ~~extracts and updates~~ at a frequency specified by the input.

12. (Previously presented) The system of claim 10 wherein the processor is constructed and arranged to:
request a verification after updating the personalized web page;
if the verification confirms the update, adds the contents into a training set; and
locate the corresponding contents of the web site based on the training set during extracting and updating.

13. (Previously presented) The system of claim 10 further comprising a topic database to allow the processor to identify a topic keyword as one of the characteristic features.

14. (Previously presented) The system of claim 10 further comprising a layout analyzer to allow the processor to identify a layout as one of the characteristic features.

15. (Currently amended) The system of claim 10 further comprising an online domain database to allow the processor to identify ~~[[a]] domain keyword~~ keywords as one of the characteristic features.

16. (Currently amended) The system of claim 10 further comprising a semantic tree to allow the processor to identify ~~[[a]] semantic category~~ categories of keywords as ~~[[one]] part~~ of the characteristic features.

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17. (Currently amended) The system of claim 10 further comprising an event database to allow the processor to identify ~~an event~~ events as ~~[[one]]~~ some of the characteristic features.

18. (Previously presented) The system of claim 10 wherein the processor is constructed and arranged to:
assign a score based on degree of the relevancy of the contents to the information sample;
and
request a different input if the score is below a pre-determined threshold.

19. (Currently amended) A computer program product residing on a computer readable medium comprising instructions for causing a computer to:
identify characteristic features of a web site from an input that includes an identifier and an information sample, the input identifying that identifies the web site and an , the information sample being obtained from the web site during a first time period;
during a second time period after the first time period, determining relevancy of contents of the web site at the second time period to the information sample based on the identified characteristic features;
extract at least a portion of the contents from the web site based on relevancy of the portion of contents to the information sample; and
update a personalized web page with the extracted contents.

20. (Currently amended) The computer program product of claim 19 comprising instructions for causing the computer to repeatedly determine relevancy, identify and update at a frequency specified by the input.

21. (Previously presented) The computer program product of claim 19 comprising instructions for causing the computer to:

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request a verification after updating the personalized web page;
if the verification confirms the update, add the contents into a training set; and
locate the contents of the web site based on the training set when extracting the contents
and updating the personalized web page.

22. (Currently amended) The computer program product of claim 19 wherein the characteristic features include at least one of a topic keyword, a layout, ~~[[a]] domain keyword~~ keywords, ~~[[a]] semantic category~~ categories of keywords, and ~~an event~~ events.

23. (Previously presented) The computer program product of claim 19 comprising instructions for causing the computer to:
assign a score based on degree of the relevancy of the contents to the information sample;
and
request a different input if the score is below a pre-determined threshold.

24. (Currently amended) The computer program product of claim 23 comprising instructions for causing the computer to:
compare a topic keyword and a layout of corresponding contents with those of the information sample to determine the degree of relevancy.

25. (Currently amended) The computer program product of claim 23 comprising instructions for causing the computer to:
compare at least one of ~~[[a]] domain keyword~~ keywords, ~~[[a]] semantic category~~ categories of keywords, ~~an event~~ events, and a layout of the contents with those of the information sample to determine the degree of relevancy.

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26. (Previously presented) The method of claim 1 in which identifying characteristic features of the web site comprises using a computer to automatically identify characteristic features of the web site.

27. (Previously presented) The method of claim 26 in which the computer automatically identifies characteristic features of the information sample.